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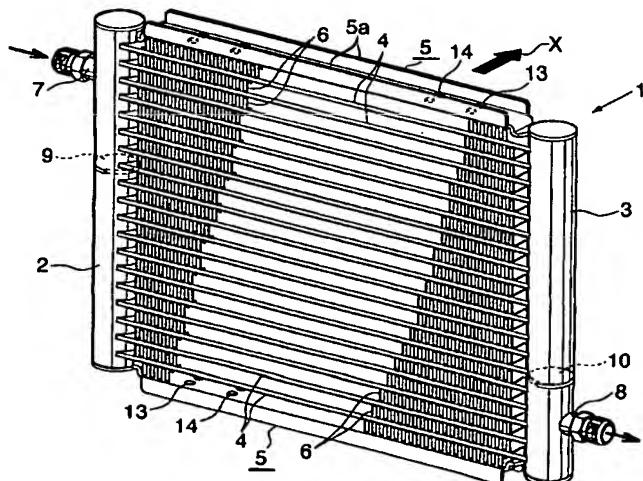
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(54) Title: SIDE PLATE FOR HEAT EXCHANGER, HEAT EXCHANGER AND PROCESS FOR FABRICATING THE HEAT EXCHANGER



(57) Abstract: A side plate 5 is designed for use in a condenser 1 comprising a pair of headers 2, 3 arranged as spaced apart from each other, a plurality of flat refrigerant tubes 4 arranged in parallel as spaced apart from one another between the headers 2, 3 and each having opposite ends joined to the respective headers 2, 3, and corrugated fins 6 arranged between adjacent refrigerant tubes 4. The side plate 5 is disposed externally of and at a distance from the refrigerant tube 4 at each of opposite ends of the tube arrangement. A corrugated fin 6 is disposed between the side plate 5 and the end refrigerant tube 4 adjacent thereto. The side plate 5 is provided with a projection 13 at each of opposite end portions of a surface thereof opposite to the other surface in contact with the corrugated fin 6. The side plate 5 functions to prevent the fin 6 from slipping off from between the tube 4 and the side plate 5 in fabricating the condenser 1.

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